

Detailed Estimate

OD/361/3447/119337/386591/00069935 : CONST. OF PAVER BLOCK AT KIRTAN MANDAP SOROUNDING BADA SAHI
Block : Ghatgaon, Gram Panchayat : Bholabeda
Created By: BHOLANATH MOHANTY

1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift								
Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off	2.000	98.660	0.830	1.000	0.000	163.776	-
ii	Cut off	2.000	97.000	0.830	1.000	0.000	161.020	-
Total Quantity						324.7956 Cft (Cubic Foot)	9.19717204608 Cum (Cubic Meter)	
Amount						9.19717204608 X 240.77592	2214.46	
2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed								
Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off	2.000	98.660	0.830	0.500	0.000	81.888	-
ii	Cut off	2.000	97.000	0.830	0.500	0.000	80.510	-
iii	Leveling for undulation ground L/W	2.000	97.000	40.000	0.750	0.000	5820.000	-
iv	Leveling for undulation ground S/W	2.000	17.000	40.000	0.750	0.000	1020.000	-
Total Quantity						7002.3978 Cft (Cubic Foot)	198.28549802304 Cum (Cubic Meter)	
Amount						198.28549802304 X 634.949832	125901.34	
3. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum								

Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specificaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off	2.000	98.660	0.830	1.250	0.000	204.719	-
ii	Cut off	1.000	97.000	0.830	1.250	0.000	100.637	-
iii	Side of paver block L/W	2.000	97.000	0.330	0.330	0.000	21.127	-
iv	Side of paver block S/W	2.000	96.340	0.330	0.330	0.000	20.983	-
Total Quantity					347.466452 Cft (Cubic Foot)		9.8391380279936 Cum (Cubic Meter)	
Amount					9.8391380279936 X 7391.75649184		72728.51	

4. Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth

Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off wall	1.000	97.000	0.830	2.000	0.000	161.020	-
Total Quantity					161.02 Cft (Cubic Foot)		4.559571136 Cum (Cubic Meter)	
Amount					4.559571136 X 5214.598101776		23776.33	

5. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc

Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cu off	4.000	98.660	0.000	1.250	0.000	493.300	-
ii	Cut off	2.000	97.000	0.000	1.250	0.000	242.500	-

Total Quantity	735.8 Sft (Square Foot)	68.3580274 Sqm (Square Meter)
Amount	68.3580274 X 216.39264180804	14792.17

6. miscellaneous (ARM286) : Supplying and fixing of 60mm thick cement concrete interlocking paver block of M-30 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC

Supplying and fixing of 60mm thick cement concrete interlocking paver block of M-30 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	L/W	2.000	97.000	40.000	0.000	0.000	7760.000	-
ii	S/W	2.000	17.000	40.000	0.000	0.000	1360.000	-
Total Quantity					9120 Sft (Square Foot)		847.27536 Sqm (Square Meter)	
Amount					847.27536 X 513.858		435379.22	

7. Plastering (AR1014i) : 16mm thick cement Plaster in CM (1:6) over brick work in outside (outside)

16mm thick cement Plaster in CM (1:6) over brick work in outside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off side	2.000	97.000	0.000	1.500	0.000	291.000	-
ii	Cut off wall top	1.000	97.000	0.000	0.830	0.000	80.510	-
Total Quantity					371.51 Sft (Square Foot)		34.51439353 Sqm (Square Meter)	
Amount					34.51439353 X 256.197038744		8842.49	

Total Amount (A) : 683634.53

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.7000	-	7000

2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.4365	-	4365
Additional Components Amount (F) : 16365			

Grand Total Amount (A + F) : 699999.52609497			
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